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INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 4 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

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7590

10/01/2003

**VOLENTINE FRANCOS, P.L.L.C.**  
 Suite 150  
 12200 Sunrise Valley Drive  
 Reston, VA 20191



Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

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I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO, on the date indicated below.

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(Signature)
(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/046,282	01/16/2002	Chul-Hwan Choi	SEC.863	3589

TITLE OF INVENTION: RESIDUAL GAS REMOVING DEVICE AND METHOD THEREOF

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1330	\$300	\$1630	01/02/2004

EXAMINER	ART UNIT	CLASS-SUBCLASS
PHAM, MINH CHAU THI	1724	095-025000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

- ☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.  
☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.

2. For printing on the patent front page, list (1) the names of up to 3 registered patent attorneys or agents OR, alternatively, (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1 VOLENTINE FRANCOS, PLLC

2 \_\_\_\_\_

3 \_\_\_\_\_

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. Inclusion of assignee data is only appropriate when an assignment has been previously submitted to the USPTO or is being submitted under separate cover. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

SAMSUNG ELECTRONICS CO., LTD.

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

SUWON-CITY, KYUNGKI-DO, REPUBLIC OF KOREA

Please check the appropriate assignee category or categories (will not be printed on the patent); ☐ individual ☒ corporation or other private group entity ☐ government

4a. The following fee(s) are enclosed:

- ☒ Issue Fee  
☒ Publication Fee  
☒ Advance Order - # of Copies 5

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☒ The Director is hereby authorized by charge the required fee(s), or credit any overpayment, to Deposit Account Number 50-0238 (enclose an extra copy of this form).

Director for Patents is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above.

(Authorized Signature) ADAM C. VOLENTINE (Date) 01/02/04

#33,289.

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This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Alexandria, Virginia 22313-1450.

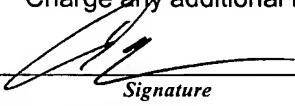
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TRANSMIT THIS FORM WITH FEE(S)

<b>TRANSMITTAL OF PAYMENT OF ISSUE FEE (Large Entity)</b> (37 C.F.R. 1.311)				Docket No. SEC.863	
Applicant(s): Chul-Hwan CHOI et al.					
Serial No. 10/046,282	Filing Date January 16, 2002	Examiner Minh C. T. Pham	Group Art Unit 1724	Confirmation No. 3589	
Invention: RESIDUAL GAS REMOVING DEVICE AND METHOD THEREOF					
<u>Mail Stop Issue Fee</u> <b>TO THE COMMISSIONER FOR PATENTS</b> <u>P.O. Box 1450</u> <u>Alexandria, VA 22313-1450</u>					
Transmitted herewith are the following for the above-identified application.					
<input checked="" type="checkbox"/> Issue Fee Transmittal Form PTOL-85					
<input checked="" type="checkbox"/> Utility Fee: \$ 1330.00 <input type="checkbox"/> Design Fee: _____ <input type="checkbox"/> Plant Fee: _____					
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<input checked="" type="checkbox"/> A check in the amount of \$1,645.00 is attached.					
<input checked="" type="checkbox"/> The Director is hereby authorized to charge and credit Deposit Account No. 50-0238 as described below.					
<input type="checkbox"/> Charge the amount of					
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ADAM C. VOLENTINE REG. NO. 33,289					
VOLENTINE FRANCOS, P.L.L.C. 12200 SUNRISE VALLEY DRIVE, SUITE 150 RESTON, VA 20191					
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